

## WITHIN OUR BORDERS



AN ALBERTA  
GOVERNMENT  
PUBLICATION

- Prospector Field Trip
- Scholarship Awards
- Junior Forest Rangers
- Agricultural Marketing Aids

JULY, 1965

# OVER \$1,000,000 Native Crew Training Increases FOR IMPROVEMENTS Efficiency In Forest Fire Fighting TO PARK FACILITIES

CAPITAL EXPENDITURES amounting to \$1,200,000 have been budgeted for the Parks Branch, Department of Lands and Forests, for the operation and maintenance of Alberta's provincial parks for the 1965-66 fiscal year. Negotiations are also under way to expand the land areas of Beauvais Lake, Big Knife, Long Lake and Miquelon Lake Provincial Parks.

At Cypress Hills Provincial Park a multi-purpose lodge is to be constructed for year-round group gatherings. Existing lines in the town and park water system will be replaced. Park facilities are to be improved with a sewage system and new fire hydrants.

More beach area will become available at Wabamun Lake Provincial Park with the construction of a sea wall. The park will also acquire a central wash house with water and sewer system.

Scheduled for Big Knife Provincial Park is the installation of electricity, while Bow Valley and Long Lake parks will have new water supply systems. Kinbrook Island Park will get a bath house, with picnic shelters programmed for construction at Willow Creek and Woolford parks. A new water well will also be drilled at Woolford.

In addition, improvements to warden, caretaker and other Parks Division facilities are planned. These include residences, workshops, garages and others. Provincial parks with various facilities for use by branch personnel scheduled for installation include Aspen Beach, Cypress Hills, Crimson Lake, Entrance, Gooseberry Lake, Miquelon Lake, Park Lake, The Vermilion and Thunder Lake Provincial Parks.

In addition, Municipal Aid grants are being continued. Grants are applicable to municipally owned park projects in counties, municipal districts or improvement districts. The parks must be owned or under long term lease to be eligible for these grants. The grants are aimed at improvement and development of rural-type parks in Alberta. A total of \$285,000 has been approved and committed since 1960 under this plan.

A PROGRAMME for training native fire suppression crews is expected to increase the efficiency of controlling forest fires in Alberta. Recognizing the potential for increased use of Indians and Metis in fire fighting work, the Alberta Forest Service instituted the programme last year, when two 25-man crews were trained. Another five crews are scheduled to complete the course this year. Training is also provided on an individual basis. Through this programme, the Forest Service will be able to draw from a qualified reserve force and cut conscription practices to a minimum.

To date 226 native firefighters have completed the course. A budget of \$20,000 has been allotted for the 1965 training schedule.

Most of the fire fighters are located in Northern Alberta, with the bulk of them in isolated areas. However, the crews will be available to fight fires anywhere in the province. When required in other fire areas they will be flown as close to the area as possible by DC3 aircraft.

Certification cards and badges are given those who successfully complete the training. Training standards have been laid down by the Forest Service and those qualifying for certificates are entitled to higher fire fighting pay. Special training, with higher pay rates, is given men selected for foremen, timekeepers and straw-bosses.

In many cases members of the crew do not speak English. Therefore the Fire Control Officer



must select foremen who have experience working with white men, who understand his ways and his language. In all cases the fire control officer, with the advice of the ranger and chief ranger, approves the final selection of the men and the positions they are to hold in the crew.

While undergoing training, crew members are paid fire labour rates. Free transportation is provided for the course and a medical given to assure that the men are capable of physical work and are free from communicable disease.

Men selected for training are recommended by the ranger in their area. They are usually men who have been used regularly in the past, have shown interest in the work and have proven themselves as satisfactory workers.

## GOVERNMENT BUILDINGS NOW OPEN FOR VISITORS, RESIDENTS DAILY

VISITORS to Edmonton, as well as residents of the city, are invited to tour the Legislative Building, the Government greenhouse and the Northern Alberta Jubilee Auditorium any day of the week.

The Legislative Building will be open from 9 a.m. to 5 p.m. daily until October 2 with conducted tours every hour, starting at 9 a.m. and ending at 4 p.m. Visitors are invited to inspect the display of tropical plants in the Government

greenhouse any day throughout the year, between 9 a.m. and sundown. Conducted tours are arranged for visitors to the Northern Alberta Jubilee Auditorium between 9 a.m. and 9 p.m. any day of the year.

Schools or other organizations planning tour visits to the Alberta buildings are urged to arrange their tour schedule beforehand with the Public Relations Officer, Legislative Building, Edmonton, Alberta.



## SUGAR BEET GROWERS HIRE RECORD NUMBER OF INDIAN WORKERS



Indian workers assemble on the station platform in Edmonton before boarding the chartered bus which will take them to Lethbridge.

IT IS ESTIMATED that a record 2,200 Indian workers have been recruited, transported to Southern Alberta and employed by sugar beet growers under a program sponsored by the Federal-Provincial Farm Labour Committee, according to Committee Administrator S. S. Graham, Director of the Extension Branch of the Alberta Department of Agriculture. This is the seventh year of this program and the most successful yet, with workers drawn from all reserves in Alberta, the majority from Fort Vermilion, Cold Lake and Lac la Biche. Some are from Saskatchewan. Income for these workers during the season is expected to exceed \$1.3 million.

The Federal-Provincial Labour Committee is made up of representatives from both governments, industry and producers. Recruitment of workers is the responsibility of the federal government through the National Employment Service, which works with Indian agents throughout the province. The federal and provincial governments divide the cost of transporting the workers, who travel by charter bus wherever possible, or by regularly scheduled buses and trains. The cost to the worker is \$7.50 each way, which is deducted from his earnings. The only other cost to the worker is \$2.50 for medical coverage during the term of his contract.

At Lethbridge, workers are lodged and fed in a hostel until they are placed under contract to a producer. During the term of the contract,

## Future Forest Rangers Trained In Field For Conservation Work

YOUNG MEN interested in careers in forestry are receiving first-hand experience in the field through the Junior Forest Ranger programme. The programme was instituted this year by the Forest Service, Department of Lands and Forests. It consists of summer camps through July and August where the boys are actively engaged in conservation work. The boys, 17 and 18 years old, can then decide, from two months practical experience, whether or not they are suited for forestry work.

Junior Forest Rangers must be 17 by July 1 of the year they apply and must not be over 18, unless enrolled in a Forest Technology course. They must be physically fit, Alberta high school students and must be prepared to work for the full eight weeks.

Purpose of Junior Forest Rangers is to give boys a better appreciation of the forest and an understanding of conservation through work, training and association; to do useful manual conservation jobs for the Forest Service; to give boys an opportunity to see if they like woods work; and to provide a transition between the Junior Forest Warden organization and advanced training. Junior Rangers are chosen from Junior Forest Wardens who meet enrolment requirements and from letters of application for summer employment received by the Forest Service.

This year three camps are in operation, with a total enrollment of 36. Each camp consists of two crews of six, with one of the boys acting

as crew leader. Camps are supervised by Forest Officers. Crew members are paid \$125 per month, while crew leaders earn \$150 per month.

The equivalent of one day per week is spent in training the boys in basic skills. Safety and first aid are stressed throughout the training programme, which provides instruction in many phases of forestry work.

During the eight-week camps, the boys will be engaged in such work projects as clearing and grading trails; developing and improving campsites according to approved plans; building foot bridges, stoves and small buildings; brushing telephone lines; improvement of streams and wildlife habitat; silviculture and forest management work; and maintenance of recreational areas. These and other projects are being undertaken in co-operation with various branches of the department. Junior Rangers may also be used in mop-up or other relatively safe firefighting work.

Boys accepted for employment are required to provide a medical certificate. This attests to their physical fitness and suitability for hard work. It also confirms that they are free from contagious disease at the time of examination.

This year's group of Junior Forest Rangers represents a good cross-section of Alberta. They have been chosen from the Junior Warden organization and, on a draw basis, from about 300 applications for summer jobs received by the Forest Service.

the workers thin, weed and cultivate the sugar beet crop and may obtain outside employment during slack periods. When the sugar beet crop is ready for harvest, many of the workers remain in the area to help harvest the vegetable and grain crops.

"We believe this program is of some assistance in helping the Indian to integrate into today's society and allows him to make a contribution to that society," said Mr. Graham. He said that those farmers who have employed Indian workers on this basis in the past report that they have proven themselves to be reliable workers doing a satisfactory job.

"Within Our Borders" is a publication designed to acquaint the people of the Province with the administration of the Alberta Government.

There are no restrictions in the republishing of any material but a credit line would be appreciated.

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## 101 ALBERTANS AND THREE CRAFT CENTRES NAMED WINNERS OF \$19,500 IN SCHOLARSHIPS FOR 1965

THE RECREATION AND CULTURAL DEVELOPMENT BRANCH of the Alberta Department of the Provincial Secretary has awarded a total of \$19,500 in Scholarships to 101 Albertans and three Craft Centres. The scholarships, which vary in size from \$50 to \$500, are awarded to promising students in the fields of Athletics and Outdoor Education, Dance, Drama, Music, Library, Visual Arts, and Crafts. Individual scholarships may be used for studies at a recognized school or university, while the community craft grants are designed to assist the local center.

Total awards by division include Athletics, \$1,500; Dance, \$2,000; Drama, \$4,000; Library, \$4,000; Music, \$4,000; Visual Arts, \$2,500; Crafts \$1,500.

Following are the winners in each division:

### ATHLETICS AND OUTDOOR EDUCATION

Lyn Anderson, Glenn Cudmore, Marlene Hurl, Ed Johnston, and John Schellenberg, all of Calgary; Carolyn Dyck and Julius Fodor, Edmonton; Keith Carscadden, Medicine Hat; Patricia Ridley, Morrin.

### DANCE

Susan Passmore, Taras Semchuk, Anne Stevenson, Jeremy Leslie-Spinks, Donna Sorochan, Nancy Lee Hays, David Walker, Candice Harris, Marilynne Troock and Donna Ball, all of Edmonton; Catherine Shier, Julie Paterson, Beatrice Lefroy, Beverly Carter, Loretta Stewart, Patricia Ross, Judith Adams, Barbara Ann Berry, Arlene Lupul, and Henriette Evelein, all of Calgary; Wendy Robison, Coaldale.

### DRAMA

Raymond Baron, Philip Silver, John Somers, Allan Blevis, Douglas Riske, Susan McFarland, Margaret Kopala, Evan Stewart, Patricia Noonan,

Royle Harris, James Beck, and Lois Sulyma, all of Edmonton; John Bayliss, Albert Holt, Richard Dennison, Arthur Marguet, all of Calgary; Anthony Pydee of Medicine Hat; and Henry Tersen of Taber.

### LIBRARY

E. M. Foss, A. F. Kostyk, of Edmonton; Mrs. M. Hepwood, Miss R. T. Lyons, Miss I. L. Minich, Miss S. E. Stratford, and Miss A. L. Swanson, all of Calgary; Mrs. K. Pratt of Medicine Hat.

### MUSIC

J. C. Beckstead, Miss D. F. Carr, D. W. Jackson, Lynn Barber, Linda Flitton, all of Calgary; Miss A. B. Blain, J. E. Butler, Miss T. S. Fahlnow, Miss S. L. Heath, Miss C. J. Liddell, N. G. Pulos, D. H. Rhein, K. B. Stromberg, Miss M. A. Unrau, Miss M. O. Wengryniuk, Miss H. Wroble, Cecil H. Pretty, and W. J. Fawcett, of Edmonton; Miss G. J. Boyd of Cambrria; Miss B. E. Dandeneau, Spruce Grove; G. M. Howie, Waskatenau; Patricia E. Lynkowsky, Myram.

### VISUAL ARTS

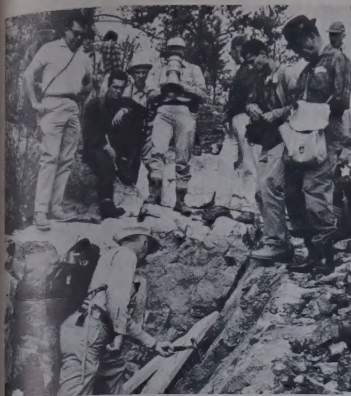
John S. Hall, and Bernadette Low, of Calgary; Colette H. Gagnon, Robert C. Gane, Jan Vriesen, Tony Wilson, Eddy Cheres, all of Edmonton; Betty Oponovich, Picture Butte; Frank Vervoort, Lethbridge; Steve Heleka, Iron Springs.

### CRAFTS

Judy Svendsen, Edmonton; Mrs. Lena Hølgerson, St. Albert; Carl Breen, Bev Nodwell, Robert Bozak, Mamie Hill, Eileen Taylor, Donna Beaubier, Rosland Higgins, Lyle Tweeddale, Leslie C. Manning, all of William Morton, all of Calgary. Awards were also made to the Medicine Hat Craft Centre, and the Camrose and District Craft Centre.



# U. OF A. - RESEARCH COUNCIL FIELD TRIP TRAINS PROSPECTORS



ALBERTA'S potential and experienced mineral prospectors, who are the key to possible future development of the province's mineral deposits, were given the opportunity to learn the basic modern scientific methods of mineral location at a 14-lecture course given by the Extension Department of the University of Alberta, with the co-operation of members of the Research Council of Alberta.

Finale of the course was a trip to Uranium City, within Saskatchewan's boundaries, where a wide range of ore deposits and geological formations is accessible for study. The geological aspects of the district were given first hand examination by 25 graduating members of the class who flew in for a three day visit to the district, 450 miles north-east of Edmonton, led by course instructor Dr. John Godfrey of the Research Council.

The Pre-Cambrian Shield provided many examples of the appearance and likely location of various mineral deposits. Several abandoned high-grade uranium operations were inspected, as were a number of mine locations, and these offered the opportunity to see examples of diamond drilling and to study the resulting drill cores. Such geological features as the St. Louis Fault and the Black Bay Fault gave the group a chance to inspect the type of terrain in which economic minerals are most likely to be found, and a visit to a recently-staked group of claims with possibilities of a number of deposits proved to be a classroom example of prospecting and development methods.



The morning of the final day of the trip, the group went underground on a guided tour of the Eldorado Mining and Refining operation. In the afternoon, one group visited the Eldorado mill, one flew to inspect nearby Goldfields, and a third flew to Consolidated Nicholson for a study of the many different minerals in the area. A visit to the Mining Recorder's Office was also on the schedule.

It is hoped that this field trip will become an annual event, and plans are already being considered for a similar trip to Yellowknife at the conclusion of next year's course, with alternative tours to study the geology of the Rocky Mountain area.

The prospecting course and field trip were part of the government program to develop ideas and information specifically to assist the modern prospector, according to Dr. Godfrey. He said that, today, the search for minerals is more difficult, the hunt more refined. The prospector needs a sound knowledge of the formulation of mineral deposits, must be able to read and interpret the literature available, make sense out of complex geological maps, and read the many geological signs available to him on aerial photographs. In addition, he must know how to use the scientific devices available to aid in the search for economic minerals. "The prospector has to look not only at the surface, but beneath it, as well," says Doctor Godfrey. "It is a game of precision, and, with such courses as these, we hope to provide some of the knowledge required to create the prospectors needed by the mining industry."



*A few of the activities of the prospecting group, from upper left, reading clockwise:*

*Dr. John Godfrey explains the workings of a high-grade operation.*

*Searching for samples at the Martin Lake Adit. Investigating the Bolger Pit, near Eldorado Mine.*

*John Plucas and Edgar Baycroft examine a piece of secondary uranium ore.*

*Deep in the earth, 2,000 feet down in the Eldorado Mine, student prospectors watch miners at work.*

## Approved Municipal Debenture Borrowings Total \$33,213,936 For First Five Months

URBAN municipal debenture borrowings approved by the Local Authorities Board for the month of May, 1965, totalled \$15,603,436, the highest for any one month this year. This brings the total authorized borrowings by Alberta's urban municipalities for capital works expenditures, for the first five months of 1965, to \$33,213,936. To that date, Calgary has been authorized to borrow the largest amount—\$14,997,100 while Edmonton is a close second with \$13,109,759.

The largest single authorization was for \$7,000,000 to the City of Edmonton for the purpose of extending and improving its Public Utilities. Calgary's authorized borrowings for May totalled \$7,065,600 the principal purposes of which will be extending and improving the City's electric light and power system, its parks and facilities, and its storm sewer system.

With the exception of the above mentioned \$7,000,000, \$1,000,000 for underground telephone duct work, in Edmonton, and a \$4,000,000 bridge over the Bow River in Calgary, a major portion of the funds will be utilized for paving programs and for providing water supply and distribution systems and sewer systems in Alberta cities, towns and villages.

Recreational facilities have also come in for a share of the financing, with the City of Edmonton authorized to borrow \$475,000 for the construction of a swimming pool; Trochu, \$25,000 for an ice plant in the skating rink; Leduc, \$13,000 to install showers, lockers and dressing rooms; Milk River, \$89,000 for a recreational complex; Lethbridge, \$170,000 for an ice arena and \$318,000 for a municipal theatre; Smoky Lake, \$10,000 for completion of a recreation building; and Lac La Biche, \$82,180 for recreational facilities.

## FREE FORAGE RESULT OF SEEDED ROADSIDES

There's a bonus forage crop waiting for Alberta farmers this year, a result of roadside cultivation by the Alberta Department of Highways, working in co-operation with the Department of Agriculture.

Many roadsides have been seeded to cultivated forages, and the farmer who harvests them will not only receive an abundance of free hay or silage, but will help to improve the appearance of Alberta's highways.

Although farmers living adjacent to the highways have first claim on this feed, the opportunity to harvest it is open to anybody who obtains a permit from the resident district engineer. There is no charge for this permit.



# Marketing Council, Boards, Commissions Created To Help Increase Sale Of Agricultural Products

**A**LBERTA FARMERS now have the assistance of the Alberta Agricultural Marketing Council in marketing their products. Formed by a recent amendment to the Marketing of Agricultural Products Act, the Council will administer the Act, advise on the suitability of marketing plans, and supervise the operation of the three alternatives to present marketing methods provided by the amendments; producer marketing boards and two types of marketing commissions.

The Council may have three to seven members, appointed by the Lieutenant-Governor in Council, but, initially, five members have been appointed. The Alberta Department of Agriculture is represented by the chairman, D. H. McCallum, Alberta Dairy Commissioner, and the secretary, C. H. Ferries, Supervisor of the Marketing

Section of the Farm Economics Branch. The remaining three members will include representatives of producers and industry.

Producer Marketing Boards, whose members are elected by the producers, may function in a number of different ways to improve the marketing of the product concerned. For example, they may negotiate minimum prices paid producers, or operate as a central-selling agency for all the products marketed.

Marketing Commissions may consist entirely of producers, or a combination of producers and representatives of the trade with producers predominating. Members are appointed by the Lieutenant-Governor in Council and may function in two ways:

(a) to initiate and carry out a program for stimu-

lating, increasing and improving the marketing of an agricultural product by establishing quality standards, advertising, education, research or other means.

(b) to determine on behalf of producers the time and place through which the product may be sold. The Commission may or may not have its own facilities for the physical handling of the product and may designate or create an agency for this purpose.

To advise the Marketing Council in resolving problems that are of particular concern to the handlers of a product for which a Producer Marketing Board has been formed, Agricultural Industry Advisory Committees will be developed. These Committees would aid in the mutual understanding of problems affecting the overall industry.

## Coming Events

During the coming year Alberta will be the scene of many events of provincial, national and international interest. Within Our Borders is pleased to list these in its Coming Events column. Information should be forwarded to Within Our Borders, Room 245 Highways Building, Edmonton.

### JULY

1	Millarville Races	Millarville
1	Rodeo	Bassano
1	Parade and Rodeo	Raymond
1	A.P.R.A. Long Range Fullbore Rifle Matches	Calgary
1-2	Alberta Institute of Agrologists Convention	Lethbridge
1-3	Provincial Archery Championships	Lethbridge
2-3	Stampede	Fort Macleod
2-3	Stampede	Stettler
3-4	Smallbore Match Rifle Championships	Calgary
3	Stampede	High River
5-10	Stampede	Calgary
5-31	Recreation Leadership School	Camrose
6-7	Stampede	Cardston
7	Montana Model "T" Rally	Lethbridge
9-11	Alberta Whitewater Canoe Race	Rocky Mountain House to Edmonton
11	Pistol and Handgun Championships	Calgary
12-17	Edmonton Exhibition—Klondike Days	Edmonton
12-19	Active 20-30 Club International Convention	Calgary
12-August 7	Provincial Band & Orchestra Workshop	Calgary
14	Benalto Fair	Benalto
14-17	Medicine Hat Exhibition & Stampede	Medicine Hat
14-18	Provincial Fullbore Rifle Championships	Calgary
15-18	Banff Indian Days	Banff
19	Stampede	Bruce
19-21	Fair	Wetaskiwin
19-24	Exhibition & Stampede	Lethbridge
21-24	Exhibition	Red Deer
23-25	National Diving Championships	Red Deer
24	Provincial 4-H Dairy Show	Red Deer
25-28	Dominion Convention, B.P.O. Elks	Lethbridge
26-28	Fair	Vegreville
27-28	Stampede	Barrhead
27-31	National Swimming Championships	Red Deer
27-29	Alberta Postmasters' Association Convention	Calgary
28-29	Lacombe Lions Baseball Tournament	Lacombe
29-31	Fair	Vermilion
30-31	Stampede, Tri-City Rodeo	Edson
30-31 &		
Aug. 1-2	Peace River Adventure Tour and MacKenzie Days	Hudson Hope, B.C. to Peace River Town
31-August 1	Canadian Antique Car Derby	Hinton

### AUGUST

1	Voyageur Amateur Canoe and Kayak Championships	Rocky Mountain House
1-2	David Thompson Cavalcade	Red Deer
1-5	Phi Sigma Gamma Fraternity Convention	Banff
1-15	Blood Indians Sundance Festival	Lethbridge
2	104th Anniversary Celebrations	St. Albert
2-4	Camrose Fair	Camrose
2-3	Fair	Athabasca
3-4	Donnelly-Falher-Girouxville Fair	
4-5	Stampede	High Prairie
5-7	Stampede	Olds
6-7	Stampede	Grimshaw
7	Fair	Willingdon
7	3rd Annual "Pow-Wow Day"	Spirit River
7-23	Fall Race Meet	Edmonton
9-11	Grande Prairie Fair	Grande Prairie
9-21	Sixth Annual Summer Residential Drama Seminar	Drumheller
9-11	Fair	Lloydminster
10	Donizetti's "L'Elisir D'Amore"	Edmonton
10	Stampede	Consort
11	National Youth Orchestra Concert	Edmonton
11	Fair	Lougheed
11-12	Fair	Westlock
12	National Youth Orchestra Concert	Calgary
13-14	Provincial Horticulture Show	Medicine Hat
13-14	Horticultural Show	Red Deer
13-14	Fair	Battle River
14	Derby Day	Edmonton
14-17	Fair	Medicine Hat
15-19	Canadian Pharmacists National Convention	Calgary
16-18	Canadian Police Association Convention	Edmonton
17-18	Fair	Pincher Creek
17-18	Annual Flower Show, Edmonton Horticulture Society	Edmonton
18	Fair	Peace River
18-21	Canadian Weekly Newspaper Association Convention	Edmonton
18	Fair	Mayerthorpe
19-22	Alberta District Assembly of Jehovah's Witnesses	Calgary
19-23	Annual Gladiola and Square Dance Festival	Lethbridge
20	Fair	Wildwood
21	Priddis-Millarville Fair	
22-25	International Milk Control Agencies of North America	Banff
23-28	Banff School of Fine Arts 3rd Annual Conference on World Development	Banff
26-28	Chemical Institute of Canada Convention	Calgary
27-28	Fair	Vauxhall
27-Sept. 30	Harness Racing	Edmonton
27-Sept. 4	Horse Show	Edmonton
28	Fair	Darwell
28	Annual Oilmen's Golf Tournament	Banff
30-31	Canadian Association of Medical Records Librarians Convention	Edmonton
30-31	Ballet African-Canadian Concerts and Artists	Edmonton